

# Sebastián Carpentier

Date of birth: 10/04/1995  
Nationality: French & Chilean

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## EDUCATION

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Pompeu Fabra University (UPF) Barcelona, Spain  
PhD in Economics (2<sup>nd</sup> Year) 09/2024-Present

Pompeu Fabra University (Barcelona School of Economics) Barcelona, Spain  
M.Sc. in Economics and Finance, *Summa Cum Laude*. 2022-2023

**GPA: 9.13/10**

**Best Master Thesis**, published on UPF public repository. Title: The impact of free tuition on college enrollment and attrition: quasi-experimental evidence from Chile.

University of Chile Santiago, Chile  
B.A. in Economics and Business, *Cum Laude*. 2014-2018

## PROFESSIONAL EXPERIENCE

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Rockwool Foundation Barcelona, Spain  
*Research Assistant, Professor Albrecht Glitz* 09/2023 – 11/2025

- Espionage data compilation and treatment using text analysis tools.
- Generation of causal evidence of the impact of trade embargoes on espionage intensity and subsequent innovation activity, using staggered difference in differences.
- Drafted the resulting working paper.

First Impact SpA Santiago, Chile  
*Associate Consultant* 03/2022 – 08/2023

- Impact assessment and program evaluation using quasi-experimental methodologies.
- Diagnosis, design and systematization of social programs and initiatives.
- Data cleaning, statistical analysis, empirical research, project reports and literature reviews.

Acción Educar Foundation Santiago, Chile  
*Research Analyst* 08/2019 – 11/2021

- Designed and drafted a policy proposal to improve the Chilean higher education financial aid system, document that was presented to government authorities together with a report on the projected fiscal cost.
  - Researched on the drivers of mismatch between student and programs quality.
  - Led a research project to explore the determinants of the excess of duration in tertiary education, aiming at generating policy recommendations to mitigate its detrimental effects.
- Achievements: Two of the research projects I led were published and I was invited to present at the 12th annual meeting of the Chilean Society of Public Policy (SCHPP).

F&K Economics Santiago, Chile  
*Economic Consultant* 09/2018 – 08/2019

- Realized elasticity of demand estimation to evaluate the impact of an alcohol tax increase, concluding that it failed to correctly mitigate the negative externality while it generated regressive tax burdens.

## LANGUAGES & SKILLS

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Languages: Spanish (Native), English (Fluent), French (Fluent)  
Programming Skills: Stata (Advanced), Microsoft Excel (Intermediate), R(intermediate), Python (Basic)  
Causal Inference Methodologies: Difference-in-differences (advanced), Regression Discontinuity Designs (advanced), Randomized Control Trials (advanced), Matching Methods (advanced).

## **PUBLICATIONS**

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Carpentier, S, Carrera, D, Miranda, A, Requejo, F, Rojano, J. The impact of free tuition on college enrollment and attrition: quasi-experimental evidence from Chile. 2023. <http://hdl.handle.net/10230/58609>

Carpentier, S., Arias, P., and Fernández, R. (2022). Disparate pairing in tertiary education? Determinants of mismatch in Chilean universities. *Revista Educación Superior y Sociedad*, 34(1), 811-840.

Carpentier, S. (2021). Determinants of over-duration in higher education in Chile, *Calidad en la Educación*, (54), 212-244.

## **Work in Progress**

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**Trade Embargoes, Espionage and R&D**  
with Albrecht Glitz.

**Free College and Long-Run Outcomes: Evidence from Chile**  
with Valentina Paredes and Francisco Di Biase.

**Financial Constraints and Gender-Stereotypical Degree Choices**